

12-26-01

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12/19/01  
 1129 U.S. PTO

Attorney Docket No.: 4318.234-US

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FILING UNDER 37 C.F.R. 1.53(b)

JC955 U.S. PTO  
 10/025648  
 12/19/01

Box Patent Application  
 Commissioner for Patents  
 Washington, DC 20231

Sir:

This is a request for filing a patent application under 37 CFR 1.53(b).

| INVENTOR(S)                               |                           |   |
|---|---------------------------|---|
| Given Name<br>(First and middle (if any)) | Family Name or<br>Surname | Residence<br>(City and Either State or Foreign Country) |
| 1.Henrik                                  | 1.Bisgård-<br>Frantzen    | 1.DK-2800 Lyngby, Denmark                               |
| 2.Allan                                   | 2.Svendsen                | 2.DK-3460 Birkerød, Denmark                             |
| 3.Torben                                  | 3.Borchert                | 3.DK-2200 Copenhagen N, Denmark                         |
| TITLE OF THE INVENTION                    |                           |   |
| Amylase Variants                          |                           |   |

The following application parts are enclosed:

☒ specification      78 pages      ☐ Sequence Listing         pages  
☒ Abstract        1 page      ☒ Formal Drawings        5 pages

The filing fee is calculated as follows:

|                                      |          |
|--------------------------------------|----------|
| Basic Fee:                           | \$710.00 |
| Total Claims: 0 - 29 = 0 x 18 =      | \$0.00   |
| Independent Claims: 4 - 3 = 1 x 80 = | \$80.00  |
| Total Fee:                           | \$790.00 |

This application is a division of U.S. patent application 09/902,188, filed on July 10, 2001, which is a continuation of U.S. patent application no. 09/354,191, now U.S. patent no. 6,297,038, filed on July 15, 1999, which is a continuation of U.S. Patent application no. 08/600,656, now U.S. Patent No. 6,093,562, filed on February 13, 1996, and priority from these applications is claimed under 35 U.S.C. 120.

10025648-131901

Priority from Danish applications serial nos. 0126/95, filed on February 3, 1995, 0336/95, filed on March 29, 1995, 1097/95, filed on September 29, 1995, and 1121/95, filed on October 6, 1995 are claimed under 35 U.S.C. 119.

Priority from application serial no. PCT/DK96/00056, filed on February 5, 1996, under the PCT is claimed under 35 U.S.C. 120.

The assignee of the present application is:

Novozymes A/S  
Krogshoejvej 36  
DK-2880 Bagsvaerd  
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Applicants request that the assignee information be included in the published patent application.

Direct all correspondence to Customer Number 25908:

PATENT TRADEMARK OFFICE



25908

Please charge the required fee, estimated to be \$790, to Novozymes North America, Inc., Deposit Account No. 50-1701. A duplicate of this sheet is enclosed.

Respectfully submitted,

Date: December 19, 2001

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405 Lexington Avenue, Suite 6400  
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1005341-1  
PATENT - 25908

Attorney Docket No.: 4318.234-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

Re: U.S. Patent Application for  
Title: Amylase Variants  
Applicants: Bisgaard-Frantzen et al.

Sir:

Express Mail Label No. EL 896275292 US

Date of Deposit: December 19, 2001

I hereby certify that the following attached paper(s) or fee

1. Filing Under 37 C.F.R. 1.53(b) (in duplicate)
2. Patent Application
3. Preliminary Amendment

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, DC 20231.

Julie Tabarovsky

(Name of person mailing paper(s) or fee)

J. Tabarovsky

(Signature of person mailing paper(s) or fee)

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"PATENT" 8952001